Title (en)

MULTILAYER ACCESS CONTROL SECURITY SYSTEM

Title (de)

MEHRSCHICHTIGES ZUGRIFFSSTEUER-SICHERHEITSSYSTEM

Title (fr)

SYSTEME DE SECURITE DE COMMANDE D'ACCES MULTICOUCHE

Publication

EP 1634175 B1 20150624 (EN)

Application

EP 04753768 A 20040528

Priority

- US 2004017011 W 20040528
- US 47396103 P 20030528

Abstract (en)

[origin: US2004243835A1] A computer-based system provides secure, configurable access to computer network resources. A human-readable language is provided for defining access policy rules. Rules in this language are converted in an automated fashion into filters applied within the various subsystems and components in a multi-layer security system. Network users are authenticated by an access control security system that obtains basic information about that user. Based on the user ID, a set of abstract policies can be retrieved. The retrieved policies are associated with the user and the groups associated with that user. Based on the retrieved rules, a set of rules for multiple layers of the network are generated and applied to those subsystems. Two or more of the subsystems may be placed in series with different types of processing occurring in each of the subsystems, reducing the workload of subsequent subsystems.

IPC 8 full level

G06F 21/62 (2013.01); **G06F 12/00** (2006.01); **G06F 13/00** (2006.01); **H04L 9/00** (2006.01); **H04L 29/06** (2006.01)

IPC 8 main group level

G06F (2006.01)

CPC (source: EP US)

G06F 21/6218 (2013.01 - EP US); **H04L 63/0263** (2013.01 - EP US); **H04L 63/0272** (2013.01 - EP US); **H04L 63/102** (2013.01 - EP US); **H04L 63/20** (2013.01 - EP)

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DOCDB simple family (publication)

US 2004243835 A1 20041202; **US 7900240 B2 20110301**; CA 2527501 A1 20041209; EP 1634175 A2 20060315; EP 1634175 A4 20100127; EP 1634175 B1 20150624; US 2010325697 A1 20101223; US 8528047 B2 20130903; WO 2004107130 A2 20041209; WO 2004107130 A3 20050909

DOCDB simple family (application)

US 85722404 A 20040528; CA 2527501 A 20040528; EP 04753768 A 20040528; US 2004017011 W 20040528; US 87304210 A 20100831